

Application No.: 10/025130

Case No.: 56008US002

Amendments to the Claims

The following Listing of Claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

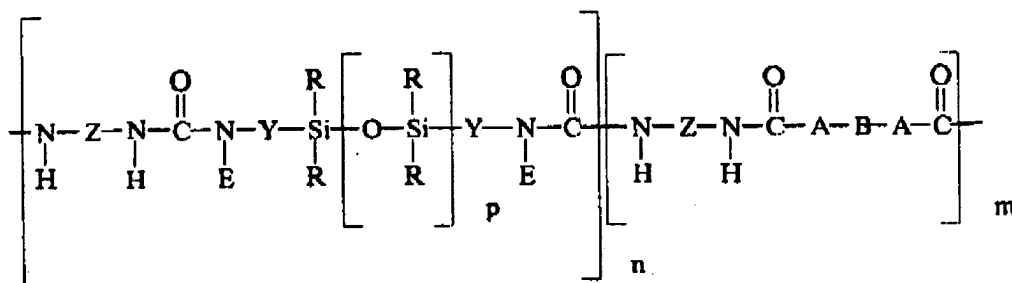
1. (canceled)
2. (previously amended): The priming composition of claim 11 wherein the electron rich groups are tertiary amine groups.
3. (previously amended): The priming composition of claim 11 further comprising a silicone tackifying resin.
4. (previously amended): The priming composition of claim 11 wherein the composition is an adhesive.
5. (original): The priming composition of claim 4 wherein the composition is a pressure sensitive adhesive.
6. (previously amended): The priming composition of claim 11 wherein the composition is a primer.
7. (previously amended): The priming composition of claim 11 disposed on a substrate comprising acid functional groups.
8. (previously amended): The priming composition of claim 11 wherein the electron rich groups are present in an amount of at least about 0.01 wt-%.

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9. (previously amended): The priming composition of claim 11 wherein the polydiorganosiloxane polyurea copolymer is prepared from an organic diamine polymer comprising electron rich groups.

10. (previously amended): The priming composition of claim 11 wherein the polydiorganosiloxane polyurea copolymer comprises the following repeating unit:



where:

each R is independently an alkyl moiety, a vinyl moiety or higher alkenyl moiety, a cycloalkyl moiety, an aryl moiety, or a fluorine-containing group;

each Z is independently a polyvalent moiety that is an arylene moiety, an aralkylene moiety, an alkylene moiety, or a cycloalkylene moiety;

each Y is independently a polyvalent moiety that independently is an alkylene moiety, an aralkylene moiety or an arylene moiety;

each E is independently hydrogen, an alkyl moiety of 1 to 10 carbon atoms, phenyl, or a moiety that completes a ring structure including Y to form a heterocycle;

each A is independently oxygen or $-\text{N}(\text{G})-$, wherein each G is independently hydrogen, an alkyl moiety of 1 to 10 carbon atoms, phenyl, or a moiety that completes a ring structure including B to form a heterocycle;

B is an alkylene, aralkylene, cycloalkylene, phenylene, polyalkylene, polyalkylene oxide, copolymers, or mixtures thereof, or a moiety completing a ring structure including A to form a heterocycle; with the proviso that at least one B group includes an electron rich group;

m is a number that is 1 to about 1000;

n is a number that is equal to or greater than 1; and

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p is a number that is about 5 or larger.

11. (currently amended): A substantially solvent-free priming composition comprising a polydiorganosiloxane polyurea copolymer comprising electron rich groups selected from the group consisting of tertiary amine groups, pyridine groups, and combinations thereof, the priming composition being capable of adhering to a substrate comprising acid functional groups.

12. (canceled)

13. (currently amended): A pressure sensitive adhesive comprising a polydiorganosiloxane polyurea copolymer comprising electron rich groups and a silicone tackifying resin, wherein the electron rich groups are selected from the group consisting of tertiary amine groups, pyridine groups, and combinations thereof, and wherein the pressure sensitive adhesive is capable of adhering to a substrate comprising acid functional groups.

14. (original): The pressure sensitive adhesive of claim 13 wherein the electron rich groups are tertiary amine groups.

15. (original): The pressure sensitive adhesive of claim 13 disposed on a substrate comprising acid functional groups.

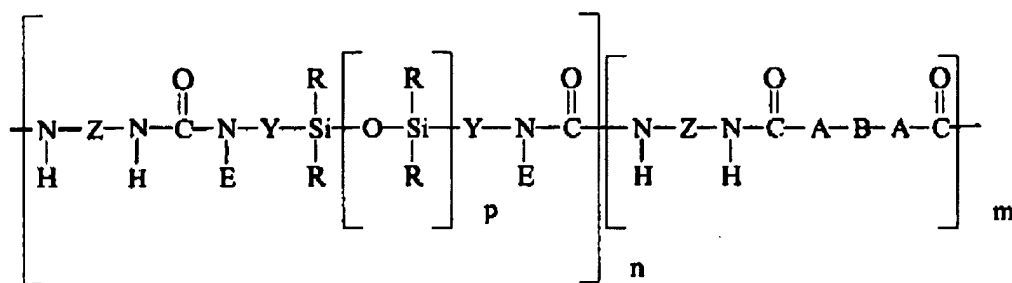
16. (original): The pressure sensitive adhesive of claim 13 wherein the electron rich groups are present in an amount of at least about 0.01 wt-%.

17. (original): The pressure sensitive adhesive of claim 13 wherein the polydiorganosiloxane polyurea copolymer is prepared from an organic diamine polymer comprising electron rich groups.

18. (original): The pressure sensitive adhesive of claim 13 wherein the polydiorganosiloxane polyurea copolymer comprises the following repeating unit:

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where:

each R is independently an alkyl moiety, a vinyl moiety or higher alkenyl moiety, a cycloalkyl moiety, an aryl moiety, or a fluorine-containing group;

each Z is independently a polyvalent moiety that is an arylene moiety, an aralkylene moiety, an alkylene moiety, or a cycloalkylene moiety;

each Y is independently a polyvalent moiety that independently is an alkylene moiety, an aralkylene moiety or an arylene moiety;

each E is independently hydrogen, an alkyl moiety of 1 to 10 carbon atoms, phenyl, or a moiety that completes a ring structure including Y to form a heterocycle;

each A is independently oxygen or $-\text{N}(\text{G})-$, wherein each G is independently hydrogen, an alkyl moiety of 1 to 10 carbon atoms, phenyl, or a moiety that completes a ring structure including B to form a heterocycle;

B is an alkylene, aralkylene, cycloalkylene, phenylene, polyalkylene, polyalkylene oxide, copolymers, or mixtures thereof, or a moiety completing a ring structure including A to form a heterocycle; with the proviso that at least one B group includes an electron rich group;

m is a number that is 1 to about 1000;

n is a number that is equal to or greater than 1; and

p is a number that is about 5 or larger.

19. (original): The pressure sensitive adhesive of claim 18 wherein at least 50% of the R moieties are methyl moieties with the balance being monovalent alkyl or substituted alkyl moieties having 1 to 12 carbon atoms, alkenylene moieties, phenyl moieties, or substituted phenyl moieties.

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20. (original): The pressure sensitive adhesive of claim 18 wherein m is a number that is 1 to about 25.

21. (original): The pressure sensitive adhesive of claim 18 wherein n is a number that is greater than 8.

22. (original): The pressure sensitive adhesive of claim 18 wherein p is a number that is about 40 to about 1500.

23. (canceled)

24. (canceled)

25. (currently amended): An adhesive article comprising a backing comprising acid functional groups and a pressure sensitive adhesive disposed on at least one major surface thereof, wherein the pressure sensitive adhesive comprises a polydiorganosiloxane polyurea copolymer comprising electron rich groups and a silicone tackifying rosin, wherein the electron rich groups are selected from the group consisting of tertiary amine groups, pyridine groups, and combinations thereof.

26. (canceled)

27. (canceled)

28. (original): The adhesive article of claim 25 wherein the backing is a foam backing.

29. (original): The adhesive article of claim 25 wherein the backing is a release liner and the adhesive article is a transfer tape.

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30. (original): An article comprising a backing, a pressure sensitive adhesive disposed on at least one major surface thereof, and a primer disposed on the pressure sensitive adhesive, wherein the primer comprises a polydiorganosiloxane polyurea copolymer comprising electron rich groups.

31. (original): The article of claim 30 wherein the primer further includes a silicone tackifying resin.

32. (original): The article of claim 30 wherein the backing is a release liner.

33. (currently amended): A primed surface comprising:
a surface comprising acid functional groups; and
a primer comprising a polydiorganosiloxane polyurea copolymer comprising tertiary amine groups.

34 – 38. (canceled)